

For Research Use Only

# CoraLite®594-conjugated CD7 Monoclonal antibody



Catalog Number:CL594-60209

## Basic Information

<b>Catalog Number:</b> CL594-60209	<b>GenBank Accession Number:</b> BC009293	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 2000 µg/ml	<b>GeneID (NCBI):</b> 924	<b>CloneNo.:</b> 1G10D8
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000173762	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P09564	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG1805	<b>Full Name:</b> CD7 molecule	
	<b>Calculated MW:</b> 240 aa, 25 kDa	

## Applications

<b>Tested Applications:</b> IF-P	<b>Positive Controls:</b> IF : human tonsillitis tissue,
<b>Species Specificity:</b> human, mouse	

## Background Information

CD7 is a 40 kD type I transmembrane glycoprotein expressed on thymocytes and mature T cells. It is the most reliable clinical marker of T-cell acute lymphocytic leukemia.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

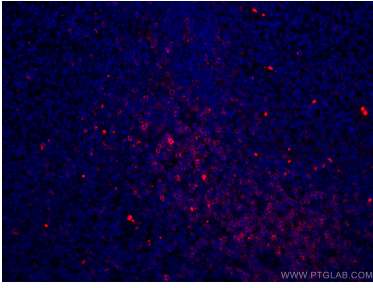
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD7 antibody (CL594-60209, Clone: 1G10D8 ) at dilution of 1:200.